

Zhengqiu Fan

List of Publications by Year in descending order

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38
papers

1,056
citations

430874

18
h-index

434195

31
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all docs

38
docs citations

38
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	Health risk assessment of heavy metal(loid)s in park soils of the largest megacity in China by using Monte Carlo simulation coupled with Positive matrix factorization model. <i>Journal of Hazardous Materials</i> , 2021, 415, 125629.	12.4	207
2	Determination of priority control factors for the management of soil trace metal(loid)s based on source-oriented health risk assessment. <i>Journal of Hazardous Materials</i> , 2022, 423, 127116.	12.4	78
3	Growth inhibition, toxin production and oxidative stress caused by three microplastics in <i>Microcystis aeruginosa</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111575.	6.0	70
4	Identifying the critical riparian buffer zone with the strongest linkage between landscape characteristics and surface water quality. <i>Ecological Indicators</i> , 2018, 93, 741-752.	6.3	62
5	Bioaccumulation and health risk assessment of heavy metals to bivalve species in Daya Bay (South) Tj ETQq1 1 0.784314 rgBJ/Overlo	5.0	55
6	Toxicity mechanism of Nylon microplastics on <i>Microcystis aeruginosa</i> through three pathways: Photosynthesis, oxidative stress and energy metabolism. <i>Journal of Hazardous Materials</i> , 2022, 426, 128094.	12.4	53
7	Transcriptome analysis of the effect of bisphenol A exposure on the growth, photosynthetic activity and risk of microcystin-LR release by <i>Microcystis aeruginosa</i> . <i>Journal of Hazardous Materials</i> , 2020, 397, 122746.	12.4	42
8	Rapid Determination of Volatile Compounds in <i>Toona sinensis</i> (A. Juss.) Roem. by MAE-HS-SPME Followed by GC-MS. <i>Chromatographia</i> , 2007, 65, 463-467.	1.3	39
9	Development of a hydrophilic magnetic amino-functionalized metal-organic framework for the highly efficient enrichment of trace bisphenols in river water samples. <i>Talanta</i> , 2020, 211, 120713.	5.5	35
10	Toxic effects and mechanisms of PFOA and its substitute GenX on the photosynthesis of <i>Chlorella pyrenoidosa</i> . <i>Science of the Total Environment</i> , 2021, 765, 144431.	8.0	32
11	Heavy metals in soil of an urban industrial zone in a metropolis: risk assessment and source apportionment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 435-446.	4.0	30
12	Comprehensive risk assessment and source apportionment of heavy metal contamination in the surface sediment of the Yangtze River Anqing section, China. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	28
13	Polystyrene nanoplastics affect growth and microcystin production of <i>Microcystis aeruginosa</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 13394-13403.	5.3	28
14	Functional analysis of landscape connectivity at the landscape, component, and patch levels: A case study of Minqing County, Fuzhou City, China. <i>Applied Geography</i> , 2017, 80, 64-77.	3.7	25
15	Anti-oxidant mechanisms of <i>Chlorella pyrenoidosa</i> under acute GenX exposure. <i>Science of the Total Environment</i> , 2021, 797, 149005.	8.0	24
16	Screening and Evaluation of the Bioremediation Potential of Cu/Zn-Resistant, Autochthonous <i>Acinetobacter</i> sp. FQ-44 from <i>Sonchus oleraceus</i> L.. <i>Frontiers in Plant Science</i> , 2016, 7, 1487.	3.6	21
17	Do trace metal(loid)s in road soils pose health risks to tourists? A case of a highly-visited national park in China. <i>Journal of Environmental Sciences</i> , 2022, 111, 61-74.	6.1	21
18	Joint toxicity mechanisms of binary emerging PFAS mixture on algae (<i>Chlorella pyrenoidosa</i>) at environmental concentration. <i>Journal of Hazardous Materials</i> , 2022, 437, 129355.	12.4	20

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19	Transcriptional and Physiological Responses to Nutrient Loading on Toxin Formation and Photosynthesis in <i>Microcystis Aeruginosa</i> FACHB-905. <i>Toxins</i> , 2017, 9, 168.	3.4	18
20	Modeling Daily and Monthly Water Quality Indicators in a Canal Using a Hybrid Wavelet-Based Support Vector Regression Structure. <i>Water (Switzerland)</i> , 2020, 12, 1476.	2.7	18
21	Risk Assessment and Source Apportionment of Soil Heavy Metals under Different Land Use in a Typical Estuary Alluvial Island. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4841.	2.6	16
22	The Algicidal Characteristics of One Algae-Lysing FDT5 Bacterium on <i>Microcystis aeruginosa</i> . <i>Geomicrobiology Journal</i> , 2009, 26, 516-521.	2.0	14
23	Mechanism and Reaction Pathways for Microcystin-LR Degradation through UV/H ₂ O ₂ Treatment. <i>PLoS ONE</i> , 2016, 11, e0156236.	2.5	13
24	Risk assessment and driving factors of trace metal(loid)s in soils of China. <i>Environmental Pollution</i> , 2022, 309, 119772.	7.5	13
25	A Novel Photocatalytic Material for Removing Microcystin-LR under Visible Light Irradiation: Degradation Characteristics and Mechanisms. <i>PLoS ONE</i> , 2014, 9, e95798.	2.5	12
26	Heavy metal(loid)s in multiple media within a mussel mariculture area of Shangchuan Island, China: Partition, transfer and health risks. <i>Environmental Research</i> , 2022, 211, 113100.	7.5	11
27	Chemical composition of volatile constituents of <i>Magnolia grandiflora</i> . <i>Chemistry of Natural Compounds</i> , 2009, 45, 257-258.	0.8	10
28	Effect of pH on inactivation of <i>Microcystis aeruginosa</i> by ozonation air in sequencing batch reactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 468-471.	3.2	9
29	Photodegradation of microcystin-LR catalyzed by metal phthalocyanines immobilized on TiO ₂ -SiO ₂ under visible-light irradiation. <i>Water Science and Technology</i> , 2015, 72, 1824-1831.	2.5	9
30	Integration of Internet search data to predict tourism trends using spatial-temporal XGBoost composite model. <i>International Journal of Geographical Information Science</i> , 2022, 36, 236-252.	4.8	9
31	Kinetic and mechanistic study of microcystin-LR degradation by nitrous acid under ultraviolet irradiation. <i>Journal of Hazardous Materials</i> , 2012, 215-216, 75-82.	12.4	8
32	Are the Water Quality Improvement Measures of China's South-to-North Water Diversion Project Effective? A Case Study of Xuzhou Section in the East Route. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6388.	2.6	7
33	Photosynthetic response to nitrogen source and different ratios of nitrogen and phosphorus in toxic cyanobacteria, <i>Microcystis aeruginosa</i> FACHB-905. <i>Journal of Limnology</i> , 0, , .	1.1	6
34	Seasonal Variation and Contamination Risk Assessment of Heavy Metals in Surface Sediment of an Estuary Alluvial Island in Eastern China. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 108, 337-343.	2.7	4
35	Chemical composition of the volatile compounds of <i>Cinnamomum septentrionale</i> . <i>Chemistry of Natural Compounds</i> , 2009, 45, 272-273.	0.8	3
36	Effect of pH on biologic degradation of <i>Microcystis aeruginosa</i> by alga-lysing bacteria in sequencing batch biofilm reactors. <i>Frontiers of Environmental Science and Engineering</i> , 2012, 6, 224-230.	6.0	3

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37	The influences of habitat proportion and patch-level structural factors in the spatial habitat importance ranking for connectivity and implications for habitat conservation. <i>Urban Forestry and Urban Greening</i> , 2021, 64, 127239.	5.3	3
38	Performance of two ornamental plants for purifying eutrophication materials in urban riverway sewages. , 2011, , .		0